

SAIE-M12S-8-0.5U-M16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

General ordering data

Version	Built-in plugs, M12, pin, straight, Mounting thread: M 16 x 1.5, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	1861110000
Type	SAIE-M12S-8-0.5U-M16
GTIN (EAN)	4032248419159
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform
UL File Number Search [UL Website](#)
Certificate no. (cULus) E307231

Dimensions and weights

Net weight 29 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
RoHS Exemption (if applicable/known) 6c
REACH SVHC Lead 7439-92-1
SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical specifications for cable

PE function	No	Core cross-section	0.25 mm ²
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)	Strand / cable length	0.5 m
Colour coding	white, brown, green, yellow, grey, pink, blue, red	Number of poles	8

Technical data customisable plug-in connectors

Number of poles	8	Coding	A-coded
Contact surface	Gold-plated	Housing main material	Brass, nickel-plated
Nominal voltage	30 V	Nominal current	2 A
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)	Temperature range of housing	-30...+90 °C

Standards

Connector standard IEC 61076-2-101

General data

Number of poles	8
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.25 mm ²
Housing main material	Brass, nickel-plated
Type of mounting	Front mounting
Nominal voltage	30 V
Nominal current	2 A
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Basic material	PUR

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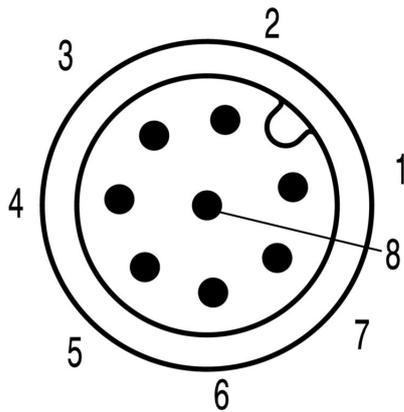
Technical data

Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)		
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)		
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)		
Connection 1	M12		
Connection 2	Flying wires		
Strand / cable length	0.5 m		
Mounting thread	M 16 x 1.5		
Mounting torque range	2 Nm		
Mounting torque	max.	2 Nm	
Temperature range of housing	-30...+90 °C		
Conductor O.D.	-		

Classifications

ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

Pole scheme



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Accessories

Brass lock nuts, nickel-plated



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMU M16 MS	Version	
Order No.	1736990000	SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel-	
GTIN (EAN)	4008190956462	plated	
Qty.	100 ST		